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Dimensions of parts should be increased so they can be assembled more easily. As a rule, 30 parts, such as stairs, metal girders, tiles, etc., are required in assembling one story of a building. This could be replaced by four large units, including two staircase landings and two flights of stairs.

Shops for the production of reinforced concrete structures have been put into operation at two enterprises of the trust. One of them is operating at full capacity.

One of the plants is preparing to start production of "terrazit," a highly durable colored plaster.

Vechernyaya Moskva, No 188, 9 Aug 49

The Moscow "Stroydetal'" (Construction Parts) Plant of the Ministry of Construction of Heavy Industry Enterprises formerly made only reinforced-concrete blocks. An assembly line was set up last year for the manufacture of these blocks. Machines were installed and electric welding adopted. The plant has recently converted to the production of hollow girder-flooring. This is in line with the new assembly line, high-speed industrial methods of constructing multi-storied buildings now in practice in Moscow. These methods demand new building materials -- strong but light, durable, and inexpensive.

This hollow girder-flooring is tetrahedral. Its upper and lower surfaces are smooth, even planes. These girders eliminate a number of operations in constructing multistoried buildings. The lower surface of the girder serves as the ceiling itself and does not require plastering. After a little preparation, parquet blocks can be laid directly on the upper surface of a girder.

These girders are made of reinforced concrete. Their use results in a lighter building, simpler design, and lower costs.

Vechernyaya Moskva, No 202, 25 Aug 49

Moscow Construction Parts Plant No 2 is the leading enterprise of the Administration of Construction Materials Industry of the Moscow Soviet of Workers' Deputies. In 7 months, the plant increased its output of parts more than 70 percent in comparison with the same period of 1948. It has started production of various types of reinforced concrete items which will be used in Moscow construction projects. The plant is starting preparations for production of reinforced concrete slabs and beams for use in constructing Moscow's high buildings. The first lot of these products will be produced by order of the builders of the Moscow State University building.

Vechernyaya Moskva, No 208, 1 Sep 49

Construction Parts Plant No 4 of the Moscow City Administration of Construction Materials Industry has organized production of reinforced concrete parts for prefabricated houses and for construction of tall buildings in Moscow. The plant produces large girders, staircase landings and other items for buildings on Peschanaya ulitsa.

By order of the Moscow State University builders, the plant has organized production of slabs for interstory floors.

MOSCOW PLANTS UP OUTPUT -- Vechernyaya Moskva, No 207, 31 Aug 49

The verkhnekotel'skiy Brick Plant imeni A. Gromova in Moscow fulfilled the year plan for brick molding on 13 August. The plant decided to produce 3 million bricks above plan by the end of the year.

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Moskovskiy Bol'shevik, No 215, 11 Sep 49

The Kuchino Brick Plant near Moscow produces large, hollow bricks for the construction of tall buildings. These bricks are  $1\frac{1}{2}$  times larger than ordinary ones. The first 350,000 bricks were delivered by the plant to the construction project of the administrative building on Smolenskaya Ploshchad'. By the end of the year, the plant will produce over 5 million such bricks.

The Kuchino Plant has also mastered production of new hollow ceramic blocks, each of which equals three bricks in size. These blocks will also be used in the construction of tall buildings in Moscow.

Komsomol'skaya Pravda, No 192, 16 Aug 49

The stone-casting plant in Moscow manufactures containers for storing acids, etching baths, insulators, and troughs for removing hydrosol in the furnaces of large electric power plants. The plant began operations on 1 January 1934. The plant also casts building material from stone. At present it is making slabs out of white and colored basalt for the new building of Moscow State University.

Vechernyaya Moskva, No 202, 25 Aug 49

The Moscow Dry Plaster Plant completed its August plan ahead of schedule. The plant has produced more than 280,000 rubles' worth of finishing materials for Moscow construction projects toward the 1951 production goal. Production costs have decreased 13.1 percent.

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